

WHAT IS CLAIMED IS:

Sub A1 → 1. An optical fiber guide device comprising:
a guide body provided with one of a guide groove and a guide channel which can guide and hold an optical fiber cord received and arranged therein in a fixed bent shape; and
a mounting part provided on an outer face of said guide body and adapted to be fitted to an object of installation in which said optical fiber cord is to be installed.

2. An optical fiber guide device as claimed in claim 1,
wherein said guide groove or said guide channel is formed in a shape bent at a bending radius which is larger than the smallest bending radius of said optical fiber cord.

Sub A2 → 3. An optical fiber guide device as claimed in claim 1,
wherein said guide body includes a guide receiving part which is formed in a shape of trough having a substantially U-shape in cross section and bent in its lateral direction, and can receive and arrange said optical fiber cord through an opening formed in its longitudinal direction, and

a lid part adapted to be attached to said guide receiving part so as to close said opening.

4. An optical fiber guide device as claimed in claim 3,
wherein either one of said guide receiving part and said lid part is provided with stoppers which extend in a direction perpendicular to an axial direction of said optical fiber cord so as to clamp said optical fiber cord which is received and

arranged in said guide receiving part from both sides, and bite a coating of said optical fiber cord received and arranged in said guide receiving part thereby to position and hold said optical fiber cord in its axial direction.

5. An optical fiber guide device as claimed in claim 1 for guiding and holding an optical fiber cord of a multi-core parallel arranged type in which a plurality of optical fibers are coupled in parallel,

wherein said guide body is provided with a guide groove or a guide channel which can contain and hold said optical fiber cord in a posture where said optical fibers can be bent at the same bending radius.

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